

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Nathan Intrator, et al  
Patent No. : 7,239,580  
Issued : July 03, 2007  
For : NOISE ADAPTIVE SONAR SIGNAL PROCESSOR  
Attorney's Docket : BRUN-002XX

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L E T T E R

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Certificates of Correction

Sir:

Enclosed is a copy of Form PTO 1050. It is requested that a Certificate of Correction be issued to correct the mistake of the Patent Office in the printing of the above-identified patent.

Respectfully submitted,

Nathan Intrator, et al.

Date: August 25, 2009

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REG/laf  
Enclosure  
375442

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO : 7,239,580  
APPLICATION NO. : 10/559,623  
DATED : July 3, 2007  
INVENTOR(S) : Nathan Intrator, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, equation (1), line 48, delete " $\psi_e \cdot \psi_p(\tau)$ " and replace it with  $--\psi_e \circ \psi_p(\tau)--$ .

## MAILING ADDRESS OF SENDER:

PATENT NO. US 7,239,580 B2

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Boston, Massachusetts 02109

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